

ZINC OXIDE

Section I

Kurt J. Lesker Company 1925 Worthington Avenue Clairton, PA 15025 Ph: 412/387-9200 Fax: 412/233-4275		Emergency Phone Numbers Chemtrec 800/424-9300 Poison Center 800/562-8236	
Chemical Name and Synonyms Zinc Oxide		Date of Last Revision 1/8/91	
Formula ZnO	Chemical Family Metal Oxide	Chemical Abstract No. 1314-13-2	
TSCA Listed		Calc. Molecular Wt. 81.37	

Section II Hazardous Ingredients

Hazardous Ingredients	CAS #	%	TLV	OSHA PEL
Zinc Oxide	1314-13-2	99.6	10mg/m ³ tot. dust	15mg/m ³ tot. dust
Lead	7439-92-1	.0025		
Cadmium	7440-43-9	.01		
(respirable dust)			.5mg/m ³	.5mg/m ³

Section III Physical Data

Boiling Point (0°C): ND	Density (gmcc): 5.606
Vapor Pressure: NA	% Volatile by Volume: NA
Reaction with Water: None	Evaporation Rate (H ₂ O -1): NA
Solubility in Water: None	Melting Point (°C): 1875
Appearance and Odor: White tablets, powder, no odor	Other Comments:

Section IV Fire & Explosion Hazard Data

Flash Point (method) NA	Autoignition Temp. NA	Flammability Non-flammable	LEI NA	UEI NA
Extinguishing Media: NA				
Special Fire Fighting Procedures: None				
Unusual Fire and Explosion Hazards: None				

Section V Spill or Leak Process

Steps to be Taken in Case Material is Released or Spilled: Sweep or scoop up and remove.
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Precautions to be Taken in Handling and Storing: Wash thoroughly after handling. Keep container closed.

Transportation Requirements

DOT Class: Not classified

UN Number: Not classified

IMCO Class: Not classified

Other:

The above information is accurate to the best of our knowledge. However, since data, safety standards, and government regulations are subject to change and the conditions of handling and use, or misuse are beyond our control, the Kurt J. Lesker Company makes no warranty, either express or implied, with respect to the completeness or continuing accuracy of the information contained herein and disclaims all liability for reliance thereon: User should satisfy himself that he had all current data relevant to his particular use.

ND = NO DATA FOUND

NA = NOT APPLICABLE